

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Marco Zuniga Art Unit : 2838
Serial No. : 09/475,713 Examiner : Shawn Riley
Filed : December 30, 1999
Title : SWITCHING REGULATOR WITH MULTIPLE POWER TRANSISTOR DRIVING VOLTAGES

Commissioner for Patents
Washington, D.C. 20231

RESPONSE

In response to the action mailed February 23, 2001, please amend the application as follows:

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In the claims:

Please amend claims as follows:

1. A voltage regulator having an input terminal and an output terminal, comprising:
a first transistor connecting the input terminal to an intermediate terminal, the first
transistor including a first gate oxide layer;

a second transistor connecting the intermediate terminal to ground, the second transistor including a second gate oxide layer;

a controller that drives the first and second transistors to alternately couple the intermediate terminal between the input terminal and ground, wherein the controller drives the first transistor with a first gate voltage and drives the second transistor with a second, different gate voltage; and

a filter disposed between the input terminal and the output terminal to provide a substantially DC voltage at the output terminal, the filter including at least one element connecting the intermediate terminal to the output terminal.

CERTIFICATE OF TRANSMISSION BY E-MAIL

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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May 31, 2000

Transmission

Matilde C. Sanchez
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